

Math 3160 Quiz 1

Name: _____

$$\text{Let } A = \begin{bmatrix} 1 & 2 & 0 \\ -1 & 2 & 1 \\ 0 & 2 & 0 \end{bmatrix} \quad B = \begin{bmatrix} 1 & 2 \\ -1 & 2 \\ 0 & 2 \\ 0 & 2 \end{bmatrix} \quad \text{and } C = \begin{bmatrix} 1 & 2 & 0 & 2 \\ -1 & 2 & 1 & 7 \end{bmatrix}$$

1. Compute A^{-1} .

2. Compute BC .